

**ELECTROCHEMICAL SIGNAL AMPLIFICATION BY REPETITIVE
ACTIVATION OF SURFACE NUCLEATION POINTS**

ABSTRACT

[0067] A method of electrochemical imaging including providing at least one target complex disposed on a conductive substrate, exposing the target complex to a solution of image nanoparticles, and repeatedly applying a voltage to the conductive substrate to cause the deposition of the image nanoparticles on the target complex to form at least one image complex.